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MAY 09 2008

### AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method, comprising:  
associating a resource with a monitor managed bean at a node of a monitor tree,  
wherein the monitor tree having the node including the monitor managed  
bean and the resource associated with the monitor managed bean;  
monitoring resources including the resource via a runtime managed bean;  
requesting monitoring information regarding the ~~associated~~ resource from a the  
runtime managed bean; and  
receiving the monitoring information at the node ~~by~~ via the monitor managed  
bean.
2. (Original) The method of claim 1, further comprising:  
receiving a notification from the runtime managed bean at the node by the  
monitor managed bean, the notification including a signal indicating  
availability of the monitoring information; and  
in response to receiving the notification, requesting the monitoring information  
from the runtime managed bean.
3. (Original) The method of claim 1, further comprising:  
receiving a notification from a timer including an indication for the monitor  
managed bean to request the monitoring data; and  
in response to receiving the notification, requesting the monitoring information  
from the runtime managed bean.
4. (Original) The method of claim 1, wherein the runtime managed bean  
includes a resource monitor to monitor one or more resources including the  
associated resource.
5. (Original) The method of claim 4, wherein one or more resources include

Java resources associated with a Java 2 Platform, Enterprise Edition (J2EE) engine, the Java resources include one or more of the following: kernel, services, interfaces, and libraries corresponding to a dispatcher or a server associated with the J2EE engine.

6. (Original) The method of claim 1, wherein the monitor tree is based on a Java Management Extensions (JMX)-based Java monitoring architecture.
7. (Original) The method of claim 1, further comprises coupling the monitor tree with a central database and one or more client-level applications using a monitor service, wherein the monitor service includes one or more of the following: connectors, adaptors, interfaces, and applications.
8. (Original) The method of claim 7, further comprises retrieving an Extensible Markup Language (XML) file from the central database using the monitor service, the XML file having semantics and directives to generate the monitor tree.
9. (Original) The method of claim 1, wherein the monitor tree is generated using the semantics and the directives from the XML file.
10. (Original) The method of claim 7, wherein the one or more client-level applications include one or more of the following: a computing center management system, administrative tools, and third party tools.
11. (Original) The method of claim 10, wherein the administrative tools include a visual administrator having a monitor viewer to display the monitoring information.
12. (Original) The method of claim 11, wherein the monitor viewer includes one or more of the following: a customized visual administrator monitor viewer, a Web-based monitor viewer, and a Graphical User Interface (GUI)-based monitor

viewer.

13. (Original) The method of claim 11, wherein the monitoring information includes one or more of the following: current monitoring status of the associated resource, monitor history of the associated resource, and general information regarding the associated resource.
14. (Original) The method of claim 13, wherein the current monitoring status includes a color-coded indication of at least one of the following: the associated resource is being monitored, the associated resource is nearing a critical value, the associated resource has reached the critical value, and the associated resource is not being monitored.
15. (Original) The method of claim 13, wherein the monitor history includes at least one of the following: a one-minute history of the associated resource, a five-minute history of the associated resource, a fifteen-minute history of the associated resource, a thirty-minute history of the associated resource, and a one-hour history of the associated resource.

Claims 16-34 (Cancelled)

35. (Currently Amended) A ~~Java monitoring system, system~~ comprising:  
a monitor tree having a plurality of nodes, ~~each of the plurality of nodes~~  
~~corresponding to~~ including a monitor managed bean ~~beans~~ and an  
~~associated resource of a plurality of resources associated with the monitor~~  
managed beans, wherein the monitor tree having a node including a  
monitor managed bean and a resource associated with the monitor  
managed bean;  
a runtime managed bean in communication with the plurality of nodes to monitor  
the plurality of resources including the resource associated with the

monitor managed bean, and to provide monitoring information regarding the associated resource to the monitor managed bean at ~~a the node of the plurality of nodes~~; and

a monitor viewer in communication with the monitor tree via a monitor service to display the monitoring information.

36. (Currently Amended) The ~~Java monitoring~~ system of claim 35, wherein the monitor service is further to couple the monitor tree with a central database comprising an Extensible Markup Language (XML) file having semantics and directives to generate the monitor tree.
37. (Currently Amended) The ~~Java monitoring~~ system of claim 35, wherein the monitor service is further to couple the monitor tree with one or more client-level applications having one or more of the following: a computing center management system, administrative tools, and third party tools.
38. (Currently Amended) The ~~Java monitoring~~ system of claim 37, wherein the administrative tools include the monitor viewer.
39. (Currently Amended) The ~~Java monitoring~~ system of claim 35, wherein the monitor viewer includes a customized visual administrator monitor viewer, a Web-based monitor viewer, and a Graphical User Interface (GUI)-based monitor viewer.
40. (Currently Amended) The ~~Java monitoring~~ system of claim 35, wherein the monitor service includes one or more of the following: connectors, adaptors, interfaces, and applications.
41. (Currently Amended) The ~~Java monitoring~~ system of claim 35, wherein the monitoring information includes one or more of the following: current monitoring status of the associated resource, monitor history of the associated resource, and

general information regarding the associated resource.

42. (Currently Amended) The ~~Java-monitoring~~ system of claim 41, wherein the current monitoring status includes a color-coded indication of at least one of the following: the associated resource is being monitored, the associated resource is nearing a critical value, the associated resource has reached the critical value, and the associated resource is not being monitored.
43. (Currently Amended) The ~~Java-monitoring~~ system of claim 41, wherein the monitor history includes at least one of the following: a one-minute history of the associated resource, a five-minute history of the associated resource, a fifteen-minute history of the associated resource, a thirty-minute history of the associated resource, and a one-hour history of the associated resource.
44. (Currently Amended) A machine-readable medium having ~~stored thereon data representing sets of instructions~~ which, when executed ~~by a machine~~, cause ~~the a~~ machine to:
- associate a resource with a monitor managed bean at a node of a monitor tree,
- wherein the monitor tree having the node including the monitor managed bean and the resource associated with the monitor managed bean;
- monitor resources including the resource via a runtime managed bean;
- request monitoring information regarding the ~~associated~~ resource from ~~a the~~ runtime managed bean; and
- receive the monitoring information at the node ~~by via~~ the monitor managed bean.
45. (Currently Amended) The machine-readable medium of claim 44, wherein the ~~sets of instructions~~ which, when executed ~~by the machine~~, further cause the machine to:

receive a notification from the runtime managed bean at the node by the monitor managed bean, the notification including a signal indicating availability of the monitoring information; and  
in response to receiving the notification, request the monitoring information from the runtime managed bean.

46. (Currently Amended) The machine-readable medium of claim 44, wherein the ~~sets of instructions which, when executed by the machine,~~ further cause the machine to:  
receive a notification from a timer including an indication for the monitor managed bean to request the monitoring data; and  
in response to receiving the notification, request the monitoring information from the runtime managed bean.
47. (Original) The machine-readable medium of claim 44, wherein the runtime managed bean includes a resource monitor to monitor one or more resources including the associated resource.
48. (Original) The machine-readable medium of claim 47, wherein one or more resources include Java resources associated with a Java 2 Platform, Enterprise Edition (J2EE) engine, the Java resources include one ore more of the following: kernel, services, interfaces, and libraries corresponding to a dispatcher or a server associated with the J2EE engine.
49. ~~\_\_(Original)\_\_~~ The machine-readable medium of claim 44, wherein the monitor tree is based on a Java Management Extensions (JMX)-based Java monitoring architecture.
50. (Currently Amended) The machine-readable medium of claim 44, wherein the ~~sets of instructions which, when executed by the machine,~~ further cause the

machine to couple the monitor tree with a central database and one or more client-level applications using a monitor service, wherein the monitor service includes one or more of the following: connectors, adaptors, interfaces, and applications.

51. (Original) The machine-readable medium of claim 50, wherein the sets of instructions which, when executed by the machine, further cause the machine to retrieve an Extensible Markup Language (XML) file from the central database using the monitor service, the XML file having semantics and directives to generate the monitor tree.
52. (Original) The machine-readable medium of claim 44, wherein the monitor tree is generated using the semantics and the directives from the XML file.
53. (Original) The machine-readable medium of claim 50, wherein the one or more client-level applications include one or more of the following: a computing center management system, administrative tools, and third party tools.
54. (Original) The machine-readable medium of claim 53, wherein the administrative tools include a visual administrator having a monitor viewer to display the monitoring information.
55. (Original) The machine-readable medium of claim 54, wherein the monitor viewer includes one or more of the following: a customized visual administrator monitor viewer, a Web-based monitor viewer, and a Graphical User Interface (GUI)-based monitor viewer.
56. (Original) The machine-readable medium of claim 54, wherein the monitoring information includes one or more of the following: current monitoring status of the associated resource, monitor history of the associated resource, and general information regarding the associated resource.
57. (Original) The machine-readable medium of claim 56, wherein the current

monitoring status includes a color-coded indication of at least one of the following: the associated resource is being monitored, the associated resource is nearing a critical value, the associated resource has reached the critical value, and the associated resource is not being monitored.

58. (Original) The machine-readable medium of claim 56, wherein the monitor history includes at least one of the following: a one-minute history of the associated resource, a five-minute history of the associated resource, a fifteen-minute history of the associated resource, a thirty-minute history of the associated resource, and a one-hour history of the associated resource.

Claims 59-66 (Cancelled)